

Alternative Biohazardous Medical Waste Treatment Methods

Checklist for Application Approval

The traditional methods for treatment of biohazardous medical waste in Arizona are incineration and autoclaving. All other treatment methods are considered alternative treatment technologies, which must obtain registration prior to their use in Arizona. A manufacturer or its agent who applies for registration of an alternative biohazardous medical treatment method must submit the information listed in Arizona Administrative Code (A.A.C.) R18-13-1414, and must demonstrate that the proposed alternative method achieves the treatment standards listed and described in A.A.C. R18-13-1415. The latest version of the A.A.C. can be viewed at: www.sosaz.com/public_services/title_18/18-13.htm.

The application for approval of an alternative medical waste treatment method should be sent to:

Arizona Department of Environmental Quality
Solid Waste Plan Review Unit, mc: 4415A-2
1110 West Washington Street
Phoenix, AZ 85007-2952

Application Content Checklist

- ☐ Letter of Transmittal
- ☐ The manufacturer or company name and address
- ☐ The name, address and telephone number of the person who submits the application
- ☐ A description of the alternative medical waste treatment method
- ☐ A list of any other states in which the treatment method is used, including a copy of any state approvals.
- ☐ A description of by-products generated as a result of the alternative treatment process.
- ☐ A certification statement that the contents of the application are true and accurate to the knowledge and belief of the applicant.
- ☐ Written documentation demonstrating that the alternative medical waste treatment method is capable of compliance with the treatment standards in A.A.C. R18-13-1415 for the type of waste treated. The manufacturer shall employ a laboratory independent of any oversight activities by the manufacturer to provide this analysis.
- ☐ The manufacturer's equipment specifications for the alternative medical waste treatment method being registered, including all of the following:
 - ☐ Unit model number, or serial number.

- [] Equipment specifications that identify the proper type of biohazardous medical waste to be treated by the equipment and any design or equipment restrictions.
 - [] Operating procedures for the equipment that ensure the equipment complies with the treatment standards prescribed in A.A.C. R18-13-1415 for the type of waste treated.
 - [] Instructions for equipment maintenance, testing, and calibration that ensure the equipment complies with the treatment prescribed in A.A.C. R18-13-1415 for the type of waste treated.
- [] Written documentation of registration if required by A.R.S. § 3-351.

After a review of the submitted material the Department shall make a determination whether to approve the registration application. If the Department approves the application it shall issue to the applicant a certification of registration containing an alternative medical waste treatment method registration number.

In summary, the steps necessary to obtain the approval for an alternative medical waste treatment method are:

- I. Submit the application following the format previously described.
- II. This office will review the application.
- III. At the completion of the review for a alternative medical waste treatment method an approval or denial of the application will be made.
- IV. If the application is approved a certificate of registration, which includes a unique registration number, will be issued.
- V. If the application is denied, the reasons for the denial will be stated in the denial letter.

For any questions during the application or review process contact Agency personnel as follows for assistance:

Administrative/Technical Review(602) 771-4581
Plan Review Unit Manager (602) 771-4122